



Electronic Filing System (EFS) Data

Electronic Patent Application Submission

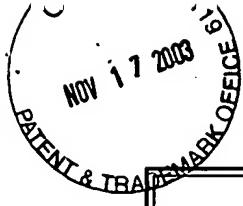
USPTO Use Only

EFS ID: 50756
Application ID: 10017800 
Title of Invention: RATE SMOOTHING CONTROL
First Named Inventor: Mark Schwartz
Domestic/Foreign Application: Domestic Application
Filing Date: 2001-12-12
Effective Receipt Date: 2003-11-17
Submission Type: Information Disclosure Statement
Filing Type:
Confirmation number: 9663
Attorney Docket Number: 279.353US1

Total Fees Authorized:

Digital Certificate Holder: cn=Janal M. Kalis,ou=Registered Attorneys,ou=Patent and Trademark Office,ou=Department of Commerce,o=U.S. Government,c=US
Certificate Message Digest: 3e779a41dc52bbf1c76d58e85346fc6a5e9a3472

RECEIVED
NOV 25 2003
TECHNOLOGY CENTER R3700



TRANSMITTAL

Electronic Version v1.1
Stylesheet Version v1.1.0

Title of Invention	RATE SMOOTHING CONTROL	
Application Number:	10/017800	
Date:	2001-12-12	
First Named Applicant:	Mark Schwartz	
Confirmation Number:	9663	
Attorney Docket Number:	279.353US1	
<p>I hereby certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.</p> <p>I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.</p>		
Submitted by:	Elec. Sign.	Sign. Capacity
Janal M. Kalis Registered Number: 37,650	/Janal Kalis/	Attorney
Documents being submitted us-ids	Files 279.353US1-usidst.xml us-ids.dtd us-ids.xsl	
Comments		



ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of
Invention

RATE SMOOTHING CONTROL

Application Number: 10/017800



Confirmation Number: 9663

First Named Applicant: Mark Schwartz

Attorney Docket Number: 279.353US1

Art Unit: 3762

Examiner: George Evanisko

Search string:

(4059116 or 4163451 or 4208008 or 4432360 TECHNOLOGY CENTER R3700
or 4503857 or 4562841 or 4596255 or 4791936
or 4809697 or 4830006 or 4869252 or 4890617
or 4905697 or 4920965 or 4940054 or 4941471
or 4944298 or 4944928 or 4945909 or 4972834
or 4998974 or 5012814 or 5042480 or 5085215
or 5101824 or 5107850 or 5127404 or 5129394
or 5139020 or 5144949 or 5156147 or 5156154
or 5179949 or 5183040 or 5184614 or 5188106
or 5193535 or 5193550 or 5197467 or 5207219
or 5282836 or 5284491 or 5292339 or 5292341
or 5311874 or 5312452 or 5331966 or 5334220
or 5350409 or 5356425 or 5360437 or 5365932
or 5372607 or 5379776 or 5383910 or 5387229
or 5391189 or 5395373 or 5395397 or 5400796
or 5411524 or 5411531 or 5417714 or 5423869
or 5431691 or 5437285 or 5462060 or 5474574
or 5480413 or 5486198 or 5487752 or 5507782
or 5507784 or 5514163 or 5522850 or 5522859
or 5523942 or 5527347 or 5534016 or 5540232
or 5540727 or 5545182 or 5545186 or 5549649
or 5549654 or 5554174 or 5560369 or 5560370
or 5584864 or 5584867 or 5591215 or 5605159
or 5607460 or 5613495 or 5620471 or 5620473
or 5622178 or 5626620 or 5626622 or 5626623
or 5632267 or 5674250 or 5674251 or 5674255
or 5676153 or 5683429 or 5690689 or 5700283
or 5713929 or 5713930 or 5713932 or 5716382
or 5716383 or 5716384 or 5718235 or 5724985
or 5725559 or 5725561 or 5730141 or 5730142
or 5738096 or 5741304 or 5741308 or 5749901
or 5749906 or 5755736 or 5755737 or 5755739

RECEIVED

NOV 25 2003

E

or 5755740 or 5759196 or 5776164 or 5776167
 or 5782887 or 5788717 or 5792193 or 5800464
 or 5800471 or 5814077 or 5814081 or 5814085
 or 5836975 or 5836987 or 5840079 or 5842997
 or 5846263 or 5853426 or 5855593 or 5861007
 or 5865838 or 5873895 or 5873897 or 5891178
 or 5893882 or 5897575 or 5902324 or 5928271
 or 5931857 or 5935081 or 5944744 or 5951592
 or 5968079 or 5974341 or 5978710 or 5983138
 or 5987354 or 5987356 or 5991656 or 5991657
 or 5991662 or 5999850 or 6026320 or 6041251
 or 6044298 or 6047210 or 6049735 or 6052617
 or 6052620 or 6058328 or 6081745 or 6081746
 or 6081747 or 6081748 or 6085116 or 6088618
 or 6122545 or 6128529 or 6129745 or 6223072
 or 6246909 or 6256534 or 6263242 or 6266554
 or 6272380 or 6285907 or 6353759 or 6353761
 or 6411847 or 6411848 or 6424865 or 6430438
 or 6438410 or 6501987 or 6501988 or 6512951
 or Re30387 or Re36765 or Re38119).pn.

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
	1	4059116	1977-11-22	Adams, J. M.		128	419 PG
	2	4163451	1979-08-07	Lesnick, , et al.		128	419 PG
	3	4208008	1980-06-17	Smith, B. L.		371	15
	4	4432360	1984-02-21	Mumford, V. E., et al.		128	419 PG
	5	4503857	1985-03-12	Boute, , et al.		128	419 PG
	6	4562841	1986-01-07	Brockway, B. P., et al.		128	419 PG
	7	4596255	1986-06-24	Snell, , et al.		128	697
	8	4791936	1988-12-20	Snell, , et al.		128	697
	9	4809697	1989-03-07	Causey III, J. D., et al.		128	419 PT
	10	4830006	1989-05-16	Haluska, E. A., et al.		607	4
	11	4869252	1989-09-26	Gilli, N. L.		128	419 PG
	12	4890617	1990-01-02	Markowitz, H. T., et al.		128	419 PG
	13	4905697	1990-03-06	Heggs, K. S., et al.		128	419 PG
	14	4920965	1990-05-01	Funke, , et al.		128	419 PG
	15	4940054	1990-07-10	Grevis, R. , et al.		128	419 PG
	16	4941471	1990-07-17	Mehra, Rahul		128	419

	17	4944298	1990-07-31	Sholder,	128	419 PG
	18	4944928	1990-07-31	Grill, M. , et al.	423	161
	19	4945909	1990-08-07	Fearnott, N. E., et al.	128	419 PG
	20	4972834	1990-11-27	Begemann, Malcolm , et al.	128	419
	21	4998974	1991-03-12	Aker, D.	128	419 PG
	22	5012814	1991-05-07	Mills, G. N., et al.	128	691
	23	5042480	1991-08-27	Hedin, A. , et al.	128	419 PG
	24	5085215	1992-02-04	Nappholz, T. A., et al.	128	419 PG
	25	5101824	1992-04-07	Lekholm, A.	128	419 PG
	26	5107850	1992-04-28	Olive, A. L.	128	705
	27	5127404	1992-07-07	Wyborny, P. B., et al.	128	419 P
	28	5129394	1992-07-14	Mehra, R.	128	419 PG
	29	5139020	1992-08-18	Koestner, K. , et al.	128	419 PG
	30	5144949	1992-09-08	Olson, W. H.	128	419 PG
	31	5156147	1992-10-20	Warren, J. A., et al.	128	419.0 PG
	32	5156154	1992-10-20	Valenta Jr., H. L., et al.	128	661.09
	33	5179949	1993-01-19	Chirife, R.	128	419 PG
	34	5183040	1993-02-02	Nappholz, T. A., et al.	128	419 PG
	35	5184614	1993-02-09	Collins, , et al.	128	419 PG
	36	5188106	1993-02-23	Nappholz, Tibor A., et al.	128	419 PG
	37	5193535	1993-03-16	Bardy, G. H., et al.	128	419 D
	38	5193550	1993-03-16	Duffin,	129	697
	39	5197467	1993-03-30	Steinhaus, B. M., et al.	128	419 PG
	40	5207219	1993-05-04	Adams, J. M., et al.	128	419 D
	41	5282836	1994-02-01	Kreyenhagen, P. E., et al.	607	4
	42	5284491	1994-02-08	Sutton, , et al.	607	17
	43	5292339	1994-03-08	Stephens, A. C., et al.	607	15
	44	5292341	1994-03-08	Snell, J. D.	607	30
	45	5311874	1994-05-17	Baumann, L. S., et al.	128	705
	46	5312452	1994-05-17	Salo, R. W.	607	17
	47	5331966	1994-07-26	Bennett, T. D., et al.	128	696
	48	5334220	1994-08-02	Sholder, J. A.	607	9
	49	5350409	1994-09-27	Stoop, , et al.	607	17
	50	5356425	1994-10-18	Bardy, Gust , et al.	607	14
	51	5360437	1994-11-01	Thompson, D. L.	607	30
	52	5365932	1994-11-22	Greenhut, S. E.	128	696

	53	5372607	1994-12-13	Stone, , et al.	607	30
	54	5379776	1995-01-10	Murphy, A. J., et al.	128	705
	55	5383910	1995-01-24	den Dulk, K.	607	14
	56	5387229	1995-02-07	Poore, John W.	607	18
	57	5391189	1995-02-21	van Krieken, F. M., et al.	607	17
	58	5395373	1995-03-07	Ayers, G. M.	607	8
	59	5395397	1995-03-07	Lindgren, , et al.	607	9
	60	5400796	1995-03-28	Wecke,	128	705
	61	5411524	1995-05-02	Rahul,	607	4
	62	5411531	1995-05-02	Hill, , et al.	607	14
	63	5417714	1995-05-23	Levine, , et al.	607	9
	64	5423869	1995-06-13	Poore, J. W., et al.	607	18
	65	5431691	1995-07-11	Snell, J. D., et al.	607	27
	66	5437285	1995-08-01	Verrier, , et al.	128	702
	67	5462060	1995-10-31	Jacobson, P. , et al.	128	702
	68	5474574	1995-12-12	Payne, E. G., et al.	607	7
	69	5480413	1996-01-02	Greenhut, S. , et al.	607	14
	70	5486198	1996-01-23	Ayers, G. M., et al.	607	5
	71	5487752	1996-01-30	Salo, Rodney W., et al.	607	17
	72	5507782	1996-04-16	Kieval, , et al.	607	9
	73	5507784	1996-04-16	Hill, , et al.	607	14
	74	5514163	1996-05-07	Markowitz, H T., et al.	607	9
	75	5522850	1996-06-04	Yomtov, B. M., et al.	607	5
	76	5522859	1996-06-04	Stroebel, , et al.	607	19
	77	5523942	1996-06-04	Tyler, Max C., et al.	364	401
	78	5527347	1996-06-18	Shelton, Michael B., et al.	607	9
	79	5534016	1996-07-09	Boute, W.	607	9
	80	5540232	1996-07-30	Laney, B. , et al.	128	697
	81	5540727	1996-07-30	Tockman, B. A., et al.	607	18
	82	5545182	1996-08-13	Stotts, L. J., et al.	607	5
	83	5545186	1996-08-13	Olson, W. H., et al.	607	14
	84	5549649	1996-08-27	Florio, J. J., et al.	607	15
	85	5549654	1996-08-27	Powell, R. M.	607	32
	86	5554174	1996-09-10	Causey III, J. D.	607	5
	87	5560369	1996-10-01	McClure, K. H., et al.	128	704
	88	5560370	1996-10-01	Verrier, , et al.	128	705

	89	5584864	1996-12-17	White, H.	607	5
	90	5584867	1996-12-17	Limousin, Marcel , et al.	607	9
	91	5591215	1997-01-07	Greenhut, , et al.	607	14
	92	5605159	1997-02-25	Smith, , et al.	128	702
	93	5607460	1997-03-04	Kroll, M. W., et al.	607	30
	94	5613495	1997-03-25	Mills, G. N., et al.	128	696
	95	5620471	1997-04-15	Duncan,	607	14
	96	5620473	1997-04-15	Poore, J. W.	607	27
	97	5622178	1997-04-22	Gilham, J. J.	128	696
	98	5626620	1997-05-06	Kieval, Robert S., et al.	607	9
	99	5626622	1997-05-06	Cooper, D.	607	18
	100	5626623	1997-05-06	Kieval, Robert S., et al.	607	23
	101	5632267	1997-05-27	Hognelid, , et al.	607	5
	102	5674250	1997-10-07	de Coriolis, P. E., et al.	607	7
	103	5674251	1997-10-07	Combs, W. J., et al.	607	4
	104	5674255	1997-10-07	Walmsley, F. R., et al.	607	14
	105	5676153	1997-10-14	Smith, , et al.	128	702
	106	5683429	1997-11-04	Mehra, R.	602	14
	107	5690689	1997-11-25	Sholder, Jason A.	607	24
	108	5700283	1997-12-23	Salo, R. W.	607	17
	109	5713929	1998-02-03	Hess, , et al.	607	14
	110	5713930	1998-02-03	van der Veen, Johannes S., et al..	607	25
	111	5713932	1998-02-03	Gillberg, J M., et al.	607	27
	112	5716382	1998-02-10	Snell, J. D.	607	30
	113	5716383	1998-02-10	Kieval, Robert S., et al.	607	9
	114	5716384	1998-02-10	Snell,	607	30
	115	5718235	1998-02-17	Golosarsky, Boris , et al..	128	708
	116	5724985	1998-03-10	Snell, J. D., et al.	128	697
	117	5725559	1998-03-10	Alt, E. , et al.	607	5
	118	5725561	1998-03-10	Stroebel, , et al.	607	9
	119	5730141	1998-03-24	Fain, , et al.	128	705
	120	5730142	1998-03-24	Sun, , et al.	128	705
	121	5738096	1998-04-14	Ben-Haim, S.	128	653.1
	122	5741304	1998-04-21	Patwardhan, , et al.	607	5
	123	5741308	1998-04-21	Sholder, J. A.	607	9
	124	5749901	1998-05-12	Bush, , et al.	607	5

	125	5749906	1998-05-12	Kieval, Robert S., et al.	607	9
	126	5755736	1998-05-26	Gillberg, J. M., et al.	607	4
	127	5755737	1998-05-26	Prieve, K. A., et al.	607	4
	128	5755739	1998-05-26	Sun, W. , et al.	607	14
	129	5755740	1998-05-26	Nappholz, T.	607	18
	130	5759196	1998-06-02	Hess, M. F., et al.	607	14
	131	5776164	1998-07-07	Ripart, A.	607	5
	132	5776167	1998-07-07	Levine, P. A., et al.	607	9
	133	5782887	1998-07-21	Van Krieken, Frits , et al.	607	25
	134	5788717	1998-08-04	Mann, B. M., et al.	607	14
	135	5792193	1998-08-11	Stoop, G. A.	607	14
	136	5800464	1998-09-01	Kieval, R. S.	607	9
	137	5800471	1998-09-01	Baumann, Lawrence S.	607	25
	138	5814077	1998-09-29	Sholder, J. A., et al.	607	9
	139	5814081	1998-09-29	Ayers, , et al.	607	5
	140	5814085	1998-09-29	Hill, M. R.	607	14
	141	5836975	1998-11-17	DeGroot, P. J.	607	5
	142	5836987	1998-11-17	Baumann, L. S., et al.	607	17
	143	5840079	1998-11-24	Warman, E. N., et al.	607	4
	144	5842997	1998-12-01	Verrier, R. L., et al.	600	518
	145	5846263	1998-12-08	Peterson, D. K., et al.	607	14
	146	5853426	1998-12-29	Shieh, M.-M.	607	5
	147	5855593	1999-01-05	Olson; W. H., et al.	607	9
	148	5861007	1999-01-19	Hess, M. F., et al.	607	9
	149	5865838	1999-02-02	Obel, M. , et al.	607	5
	150	5873895	1999-02-23	Sholder, J. A., et al.	607	9
	151	5873897	1999-02-23	Armstrong, , et al.	607	14
	152	5891178	1999-04-06	Mann, B. M., et al.	607	27
	153	5893882	1999-04-13	Peterson, D. K., et al.	607	14
	154	5897575	1999-04-27	Wickham, J.	607	4
	155	5902324	1999-05-11	Thompson, D. L., et al.	607	9
	156	5928271	1999-07-27	Hess, M. F., et al.	607	14
	157	5931857	1999-08-03	Prieve, K. A., et al.	607	14
	158	5935081	1999-08-10	Kadhiresan, V. A.	600	513
	159	5944744	1999-08-31	Paul,, et al.	607	9
	160	5951592	1999-09-14	Murphy, A.	607	4

	161	5968079	1999-10-19	Warman, , et al.	607	5
	162	5974341	1999-10-26	Er, , et al.	607	31
	163	5978710	1999-11-02	Prutchi, D. , et al.	607	17
	164	5983138	1999-11-09	Kramer,	607	9
	165	5987354	1999-11-16	Cooper, R. A., et al.	607	5
	166	5987356	1999-11-16	DeGroot, P. J.	607	5
	167	5991656	1999-11-23	Olson, , et al.	607	4
	168	5991657	1999-11-23	Kim, J.	607	5
	169	5991662	1999-11-23	Kim, , et al.	607	27
	170	5999850	1999-12-07	Dawson, A. , et al.	607	4
	171	6026320	2000-02-15	Carlson, G. M., et al.	600	510
	172	6041251	2000-03-21	Kim, J. , et al.	600	518
	173	6044298	2000-03-28	Salo, Rodney W., et al.	607	17
	174	6047210	2000-04-04	Kim, J. , et al.	607	4
	175	6049735	2000-04-11	Hartley, J. W., et al.	607	9
	176	6052617	2000-04-18	Kim, J.	600	518
	177	6052620	2000-04-18	Gillberg, J. M., et al.	607	4
	178	6058328	2000-05-02	Levine, P. A., et al.	607	14
	179	6081745	2000-06-27	Mehra, R.	607	4
	180	6081746	2000-06-27	Pendekanti, R. , et al.	607	5
	181	6081747	2000-06-27	Levine, P. A., et al.	607	9
	182	6081748	2000-06-27	Struble, C. L., et al.	607	9
	183	6085116	2000-07-04	Pendekanti, R. , et al.	607	5
	184	6088618	2000-07-11	Kerver, H. B.	607	30
	185	6122545	2000-09-19	Struble, C. L., et al.	607	9
	186	6128529	2000-10-03	Elser, James	607	4
	187	6129745	2000-10-10	Sun, W. , et al.	607	27
	188	6223072	2001-04-24	Mika, Yuval , et al.	600	510
	189	6246909	2001-06-12	Ekwall, C.	607	9
	190	6256534	2001-07-03	Dahl, R.	607	5
	191	6263242	2001-07-01	Mika, Yuval , et al.	607	9
	192	6266554	2001-07-24	Hsu, William , et al.	600	515
	193	6272380	2001-08-07	Warman, E. N., et al.	607	5
	194	6285907	2001-09-04	Kramer, Andrew P., et al.	607	9
	195	6353759	2002-03-05	Hartley, Jesse W., et al.	607	9
	196	6353761	2002-05-05	Conley, Vickie , et al.	607	28

	197	6411847	2002-06-25	Mower, Martin M.	607	9
	198	6411848	2002-06-25	Kramer, Andrew P., et al.	607	9
	199	6424865	2002-07-23	Ding, Jiang	607	9
	200	6430438	2002-08-06	Chen, Victor T., et al.	607	5
	201	6438410	2002-08-20	Hsu, William , et al.	600	516
	202	6501987	2002-12-31	Lovett, Eric G., et al.	607	9
	203	6501988	2002-12-31	Kramer, A. P., et al.	607	9
	204	6512951	2003-01-28	Marcovecchio, A. F., et al.	607	5
	205	Re30387	1980-08-26	Denniston III, Rollin H., et al.	128	419
	206	Re36765	2000-07-04	Mehra, R.	607	4
	207	Re38119	2003-05-20	Mower, Morton M.	607	9

Signature

Examiner Name	Date